





US-09-856-070-26 (1-5) x G14449 (1-250)

QY 1 GlnAspTyrGluGlu 5  
 Db 168 CAAGATTATGAGGAG 182

#### RESULT 4

LOCUS MY14106/c  
 DEFINITION Mus musculus pkd2 exon 2.  
 ACCESSION Y14106  
 VERSION Y14106.1 GI:4107457  
 KEYWORDS pkd2 gene; polycystin.  
 SOURCE house mouse

#### ORGANISM

Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus;

#### REFERENCE

AUTHORS Pennekamp, P.  
 TITLE Direct Submission  
 JOURNAL Submitted (24-JUN-1997) P. Pennekamp, Westf. Wilhelms-Universitaet,  
 Institut for Human Genetics, Vesaliusweg 12-14, D 48149 Muenster,  
 FRG

#### REFERENCE

AUTHORS 2 (bases 1 to 291);  
 Pennekamp, P., Bogdanova, N., Wilda, M., Markoff, A., Hamelster, H.,  
 Horst, J., and Dworniczak, P.  
 TITLE Characterization of the murine polycystic kidney disease (pkd2)  
 gene

#### JOURNAL

Mamm. Genome 9 (9), 749-752 (1998)  
 MEDLINE 98384541  
 PUBMED 9716661

#### COMMENT

Overlapping sequences: I.M.A.G.E. clones 45813 (Acc. No. EST:  
 AA023786), and 316818 (Acc. No. EST: W11044)  
 I.M.A.G.E. clones were obtained from the Resource Center/Primary  
 Database of the German Human Genome Project, Max Planck Inst. for  
 Molecular Genetics, Berlin.

#### FEATURES

source  
 1..291  
 /organism="Mus musculus"  
 /db\_xref="taxon:10090"  
 /clone="1-J-15"  
 /clone="201-L-2"  
 /clone\_lib="BAC genomic library, Research Genetics"  
 1..291  
 /gene="pkd2"  
 <1..72  
 /number=1  
 73..186  
 /gene="pkd2"  
 /number=2  
 /usedin=Y14105:pkd2\_cds  
 187..291  
 /gene="pkd2"  
 /number=2

BASE COUNT 62 a 73 c 80 g 76 t  
 ORIGIN  
 Alignment Scores:  
 Pred. No.: 56.2 Length: 291  
 Score: 28.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 10 Gaps: 0

US-09-856-070-26 (1-5) x MY14106 (1-291)

QY 1 GlnAspTyrGluGlu 5  
 Db 179 CAAGACTACGAGGAA 165

#### RESULT 5

LOCUS AF411051  
 DEFINITION Emydoidea blandingii clone Bb1 15 microsatellite sequence.  
 ACCESSION AF411051  
 VERSION AF411051.1 GI:15705858  
 KEYWORDS  
 SOURCE

#### ORGANISM

Emydoidea blandingii.  
 Emydoidea blandingii  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Testudines; Cryptodira; Testudinoidae; Testudinidae; Emydoidea.  
 1 (bases 1 to 292)  
 AUTHORS Osenkowski, M.F., Mockford, S., Wright, J.M., Snyder, M., Herman, T.B.  
 and Hughes, C.R.

#### TITLE

Isolation and characterization of microsatellite loci from the  
 Blanding's turtle, Emydoidea blandingii

#### JOURNAL

Mol. Ecol. Notes 2 (2), 147-149 (2002)

#### REFERENCE

AUTHORS Mockford, S.W., Wright, J.M., Snyder, M. and Herman, T.B.  
 TITLE Direct Submission  
 JOURNAL Submitted (16-AUG-2001) Biology, Dalhousie University, Halifax, NS  
 B3H 4J1, Canada

#### FEATURES

source  
 1..292  
 /organism="Emydoidea blandingii"  
 /db\_xref="taxon:85613"  
 /clone="Bb1 15"  
 repeat\_region 1..292  
 /note="microsatellite"

BASE COUNT 97 a 46 c 60 g 89 t 10 others  
 ORIGIN  
 Alignment Scores:  
 Pred. No.: 56.4 Length: 292  
 Score: 28.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 5 Gaps: 0

US-09-856-070-26 (1-5) x AF411051 (1-292)

#### QY

1 GlnAspTyrGluGlu 5

#### Db

11 CAGGACTACGAGGAA 25

#### RESULT 6

LOCUS G65316  
 DEFINITION SMCY-M55 Random genomic STS Homo sapiens STS genomic, sequence  
 tagged site.  
 ACCESSION G65316  
 VERSION G65316.1 GI:9211152  
 KEYWORDS STS.  
 SOURCE Homo sapiens.

#### ORGANISM

Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

#### REFERENCE

AUTHORS Oefner, P.J.

#### TITLE

Human random genomic STS survey, unpublished data

#### JOURNAL

Unpublished (1999)

#### COMMENT

Contact: Peter Oefner  
 Stanford Genome Center  
 Stanford University  
 855 California Ave., Palo Alto, CA 94304, USA  
 Tel: 6508121926  
 Fax: 6508121975  
 Email: oefner@genome.stanford.edu  
 Primer A: GGTAGGCTTTCAGAGAG  
 Primer B: GTTCTTGTGTAATGCTGGG

SIS size: 382  
 PCR Profile:  
 Initial denaturing step of 95 degrees C for 10 min to activate  
 AmpliTaq  
 Gold (1 min for AmpliTaq):  
 14 cycles of touchdown: 94 degrees C for 20 sec, annealing for 1  
 min at 63  
 degrees C to  
 56 degrees C using decrements of 0.5 degrees C, extension at 72  
 degrees C  
 for 1 min;  
 20 cycles at 94 degrees C for 20s, 56 degrees C for 45 sec, 72  
 degrees C  
 for 1 min.  
 Protocol:  
 Template: 50 ng  
 Primer: each 0.2 uM  
 Taq polymerase: 0.02 units/ul  
 Total Vol: 50 ul

Buffer: 2.5 mM  
 MgCl2: 50 mM  
 KCl: 10 mM  
 Tris-HCl: 8.3  
 pH:  
 DMSO: 0 %

FEATURES  
 source

Location/Qualifiers  
 1..382  
 /organism="Homo sapiens"  
 /db\_xref="taxon:9606"  
 /sex="Male and Female"  
 /clone\_lib="Random genomic STS"

STS  
 primer\_bind  
 1..19  
 primer\_bind  
 complement (363..382) 84 t

BASE COUNT 147 a 70 c 81 g 84 t  
 ORIGIN

Alignment Scores:  
 Pred. No.: 76.5 Length: 382  
 Score: 28.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 11 Gaps: 0

US-09-856-070-26 (1-5) x G65316 (1-382)

QY 1 GlnAspTyrGluGlu 5  
 |||||

DB 365 CAAGATTATGAAGAA 379

RESULT 7

AX270543/c  
 LOCUS AX270543 401 bp DNA linear PAT 29 OCT 2001  
 DEFINITION Sequence 1174 from Patent WO0164876.  
 ACCESSION AX270543  
 VERSION AX270543.1 GI:16543319  
 KEYWORDS  
 SOURCE human.

ORGANISM  
 Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1

AUTHORS Stenasson,H., Steinhorsdottir,V. and Gulcher,J.R.

TITLE Human schizoporenia gene

JOURNAL Patent: WO 0164876-A 1174 07-SEP-2001;

FEATURES

source

1..401  
 /organism="Homo sapiens"  
 /db\_xref="taxon:9606"

BASE COUNT 112 a 75 c 104 g 109 t 1 others

ORIGIN

Alignment Scores:  
 Pred. No.: 80.9 Length: 401  
 Score: 28.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 6 Gaps: 0

US-09-856-070-26 (1-5) x AX270543 (1-401)

QY 1 GlnAspTyrGluGlu 5  
 |||||

DB 379 CAAGATTATGAAGAA 365

RESULT 8

AX272074/c  
 LOCUS AX272074 401 bp DNA linear PAT 29 OCT 2001  
 DEFINITION Sequence 1174 from Patent WO0164877.  
 ACCESSION AX272074  
 VERSION AX272074.1 GI:16544811  
 KEYWORDS  
 SOURCE human.

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1

AUTHORS Stenasson,H., Steinhorsdottir,V. and Gulcher,J.R.

TITLE Human schizoporenia gene

JOURNAL Patent: WO 0164877-A 1174 07-SEP-2001;

FEATURES

source

1..401  
 /organism="Homo sapiens"  
 /db\_xref="taxon:9606"

BASE COUNT 112 a 75 c 104 g 109 t 1 others

ORIGIN

Alignment Scores:  
 Pred. No.: 80.9 Length: 401  
 Score: 28.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 6 Gaps: 0

US-09-856-070-26 (1-5) x AX272074 (1-401)

QY 1 GlnAspTyrGluGlu 5  
 |||||

DB 379 CAAGATTATGAAGAA 365

RESULT 9

HPA224967  
 LOCUS HPA224967 436 bp mRNA linear INV 11-MAR-1998  
 DEFINITION Brugia pahandi mRNA for troponin (isolate sj5).  
 ACCESSION A7224967  
 VERSION A7224967.1 GI:2959347  
 KEYWORDS troponin.

SOURCE Brugia pahandi.

ORGANISM Brugia pahandi.

Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;

Onchocercidae; Brugia.

REFERENCE 1 (bases 1 to 436)

AUTHORS Hunter,S.J.

TITLE Direct Submission

JOURNAL Submitted (05-MAR-1998) Hunter S.J., Veterinary Parasitology,

2 (bases 1 to 436)

AUTHORS Hunter,S.A., Hunter,S.J., Thompson,F.J. and Bevaney,E.

TITLE Stage specific gene expression in the post-infective L3 of the

filarial nematode, Brugia pahandi

Experiment	Instrument	Score	Length
1	89.2	437	

JOURNAL

Yamaguchi,  
Internat.

University School  
 222



Query Match: 100.00% Indels: 0  
 DB: 6 Gaps: 0

US-09-856-070-26 (1-5) x AX154466 (1-520)

QY 1 GlnAsplyrGluGlu 5

|||||

Db 204 CAGGACTACGAGGAA 218

Search completed: January 16, 2003, 19:06:09  
 Job time : 443.214 secs

